

## EAST Search History

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| S1    | 170  | ((YASUSHI) near2 (ICHIKAWA)). INV.  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/29 11:21 |
| S2    | 231  | ((YASUSHI) near2 (ICHIKAWA)). INV.  | EPO; JPO; DERWENT      | ADJ              | ON      | 2007/11/26 12:28 |
| S3    | 1871 | 422/211.ccls.   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:29 |
| S4    | 67   | 422/215.ccls.   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:35 |
| S5    | 2    | ("2003182859" or "5922291" or "5536288").pn.  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:36 |
| S6    | 3    | ("20030182859" or "5922291" or "5536288").pn.   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:38 |
| S7    | 1    | "7204964".pn.   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:41 |
| S8    | 3601 | 422/171,176,177,220,222.ccls.   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:45 |
| S9    | 2023 | (S3 or S4 or S8) and (CO or carbon monoxide with oxidiz\$5)   | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 12:46 |
| S10   | 1987 | (S3 or S4 or S8) and (CO or carbon monoxide near2 oxidiz\$5)  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 15:31 |
| S11   | 60   | S10 and (stack\$3 same plate and hole)  | US-PGPUB; USPAT        | ADJ              | ON      | 2007/11/26 13:45 |
| S12   | 35   | ("1366176"   "1375932"   "4393031"   "5271916"   "5330727").PN. OR ("5874051"). URPN.   | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/11/26 13:52 |
| S13   | 14   | ("2887365"   "4089654"   "4539267"   "5302470"   "5330727"   "5702838"   "5714276"   "5733675"   "5750076"   "5874051"   "6132689"   "6162558"   "6562088").PN. OR ("7261866"). URPN. | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/11/26 13:55 |
| S14   | 14   | ("2976853"   "3754870"   "3785781"   "3887741"   "3953176"   "3969083").PN. OR ("4089654"). URPN.   | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/11/26 13:57 |
| S15   | 13   | ("3083662"   "4152302"   "4273681"   "4665051"   "4672809"   "5170624").PN. OR ("5384100"). URPN.   | US-PGPUB; USPAT; USOCR | ADJ              | ON      | 2007/11/26 14:03 |
| S16   | 17   | ("3083662").URPN.   | USPAT                  | ADJ              | ON      | 2007/11/26 14:06 |
| S17   | 0    | jp-20012401-\$.did.   | EPO; JPO; DERWENT      | ADJ              | ON      | 2007/11/26 15:28 |

## EAST Search History

|     |      |   |                              |     |    |                  |
|-----|------|---|------------------------------|-----|----|------------------|
| S18 | 2    | jp-2001002401-\$.did.   | EPO; JPO;<br>DERWENT         | ADJ | ON | 2007/11/26 15:30 |
| S19 | 2    | jp-2001137676-\$.did.   | EPO; JPO;<br>DERWENT         | ADJ | ON | 2007/11/26 15:30 |
| S20 | 2    | jp-2001120973-\$.did.   | EPO; JPO;<br>DERWENT         | ADJ | ON | 2007/11/26 15:30 |
| S21 | 179  | S10 and mixer   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/26 15:32 |
| S22 | 32   | ("3353924"   "3541000"  <br>"3705016"   "3787189"   "3824080"<br>  "3824081"   "3977834"  <br>"4233269"   "4836989"   "5152957"<br>  "5232283"   "5403560"  <br>"5462719"   "5554346"   "5567396"<br>  "5690896"   "5756055"  <br>"5837208"   "5904907"   "5935413"<br>  "5989502"   "6183702"  <br>"6508459"   "6769672"   "6881387"<br>  "6984365"   "7018435").PN. OR<br>("7276215").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/11/26 15:35 |
| S23 | 358  | 366/340.ccls.   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:39 |
| S24 | 68   | S23 and (mix\$3 with gas)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:51 |
| S25 | 3    | S23 and (carbon monoxide)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:53 |
| S26 | 1667 | 366/336-341.ccls.   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:53 |
| S27 | 608  | S26 and plate   | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:55 |
| S28 | 307  | S26 and (plate with hole or<br>aperture)  | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 11:08 |
| S29 | 42   | S28 and "422"/\$.ccls.  | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 10:56 |
| S30 | 19   | ("2000953"   "2538802"  <br>"2704206"   "3045984"   "3150926"<br>  "3417967"   "3856270"  <br>"4133894"   "4313680"   "4514095"<br>  "4888160"   "5766519").PN. OR<br>("6451268").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/11/27 10:59 |
| S31 | 243  | S28 and (fluid or gas same mix\$3)  | US-PGPUB;<br>USPAT           | ADJ | ON | 2007/11/27 11:31 |
| S32 | 1    | "52050062"  | EPO; JPO;<br>DERWENT         | ADJ | ON | 2007/11/27 11:36 |
| S33 | 2    | "54108063"  | EPO; JPO;<br>DERWENT         | ADJ | ON | 2007/11/27 11:40 |

## EAST Search History

|     |      |                               |                      |     |    |                  |
|-----|------|-------------------------------|----------------------|-----|----|------------------|
| S34 | 1    | "57020842"                    | EPO; JPO;<br>DERWENT | ADJ | ON | 2007/11/27 11:42 |
| S35 | 0    | "5662120"                     | EPO; JPO;<br>DERWENT | ADJ | ON | 2007/11/27 11:42 |
| S36 | 2    | "56062120"                    | EPO; JPO;<br>DERWENT | ADJ | ON | 2007/11/27 11:42 |
| S37 | 2331 | 422/198.ccls.                 | US-PGPUB;<br>USPAT   | ADJ | ON | 2007/11/29 11:23 |
| S38 | 133  | S37 and (stack\$3 same plate) | US-PGPUB;<br>USPAT   | ADJ | ON | 2007/11/29 11:24 |
| S39 | 15   | S38 and mixer                 | US-PGPUB;<br>USPAT   | ADJ | ON | 2007/11/29 11:24 |